

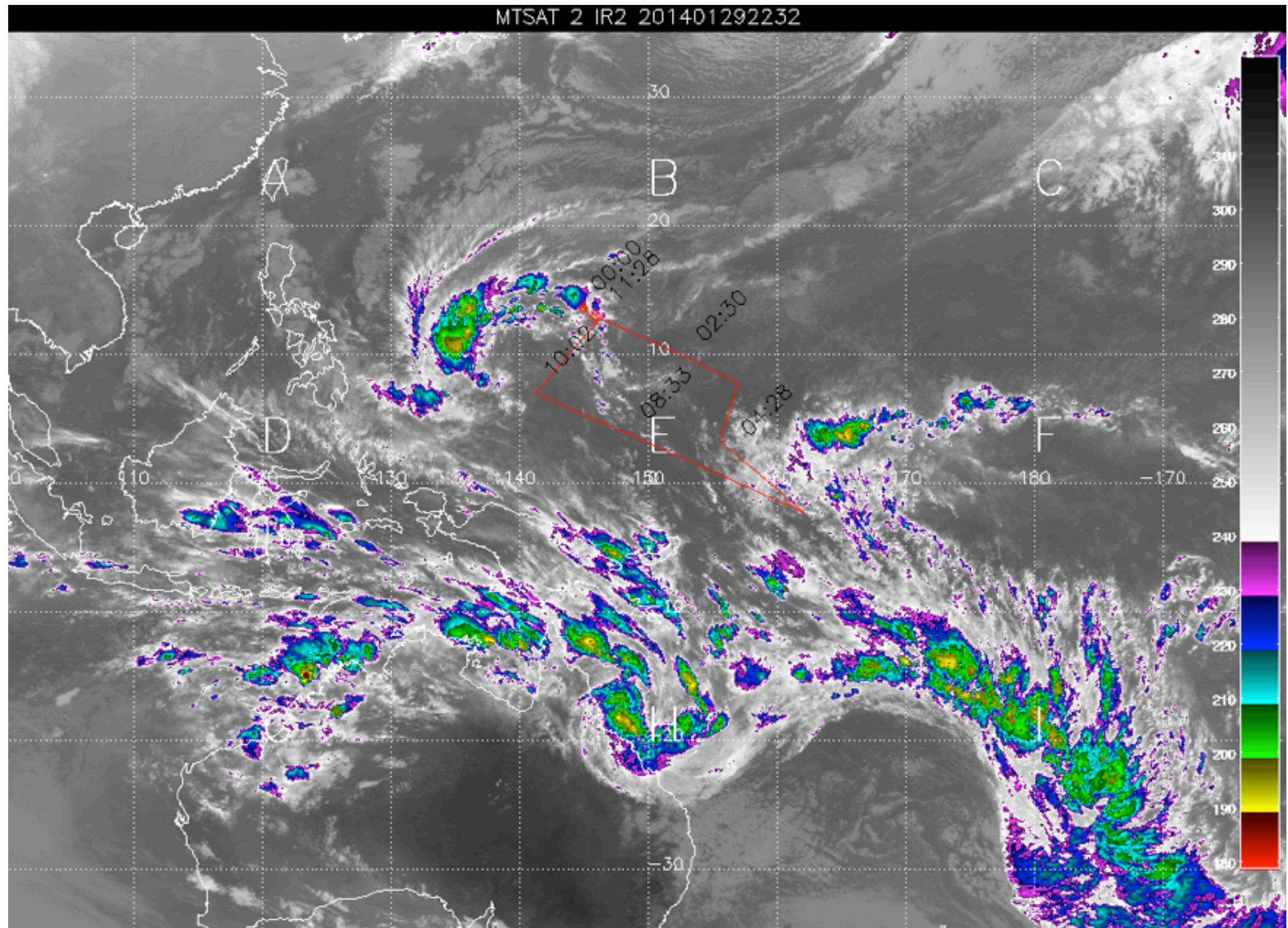
# metbrief: 2014-01-30

(next planned flight 2014-01-31 Fri or early next week)

- 01-31 Friday takeoff and landing conditions good (dry, E to NE 15-20 knt winds)
- Weak, shallow convection and stronger (~25 knt) NE winds this weekend
- Light shower conditions continue into early next week; winds OK
- NWS outlook for another shear line over Guam later next week

‘current’ condition:

satellite IR imagery on 2014-01-29, ~22UTC  
(01-29 Wed, ~08AM)

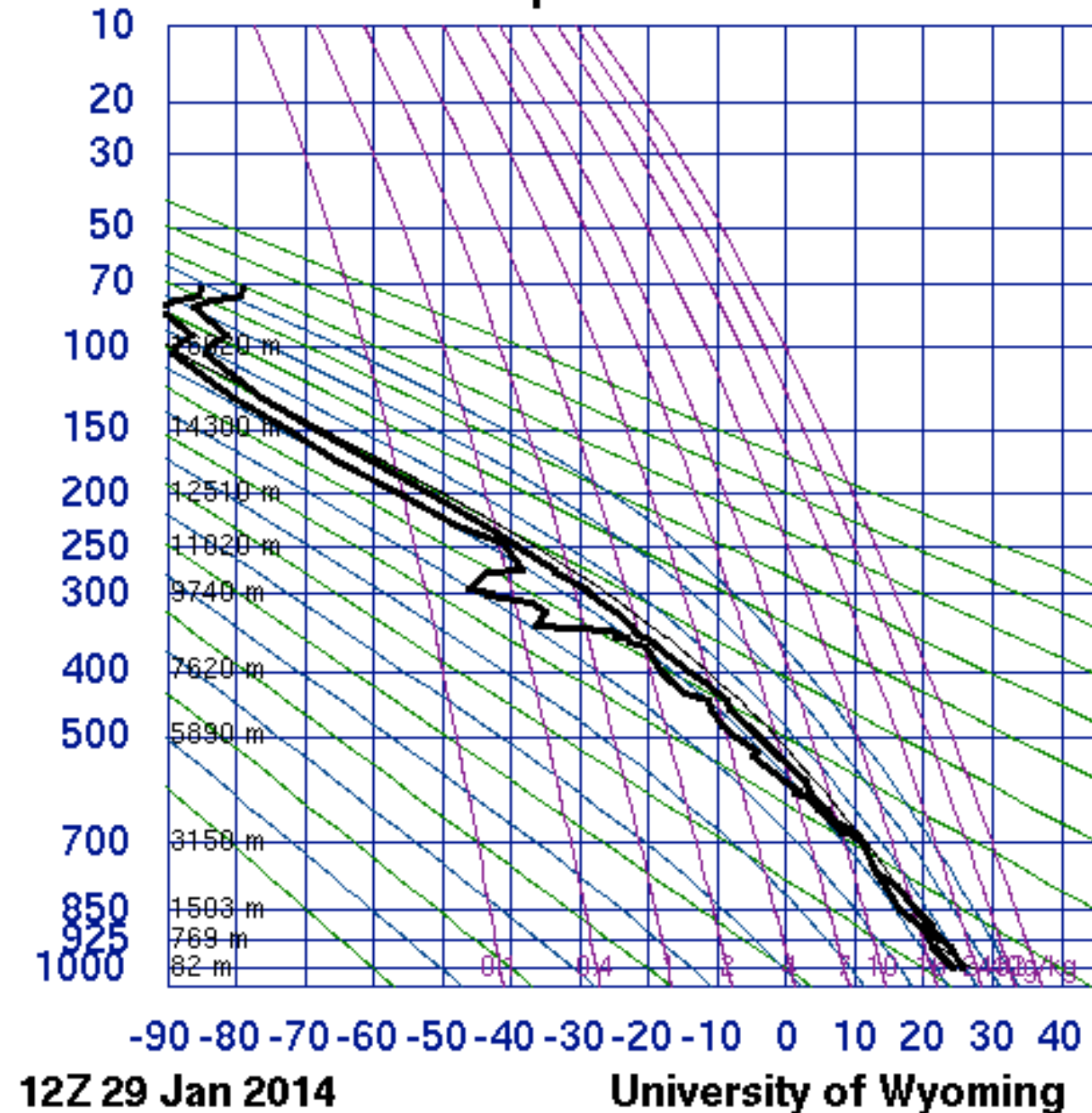




‘current’ condition:

soundings on 2014-01-29, 12UTC  
(01-29 Wed, 10PM)

91212 PGAC Guam Intl Arpt

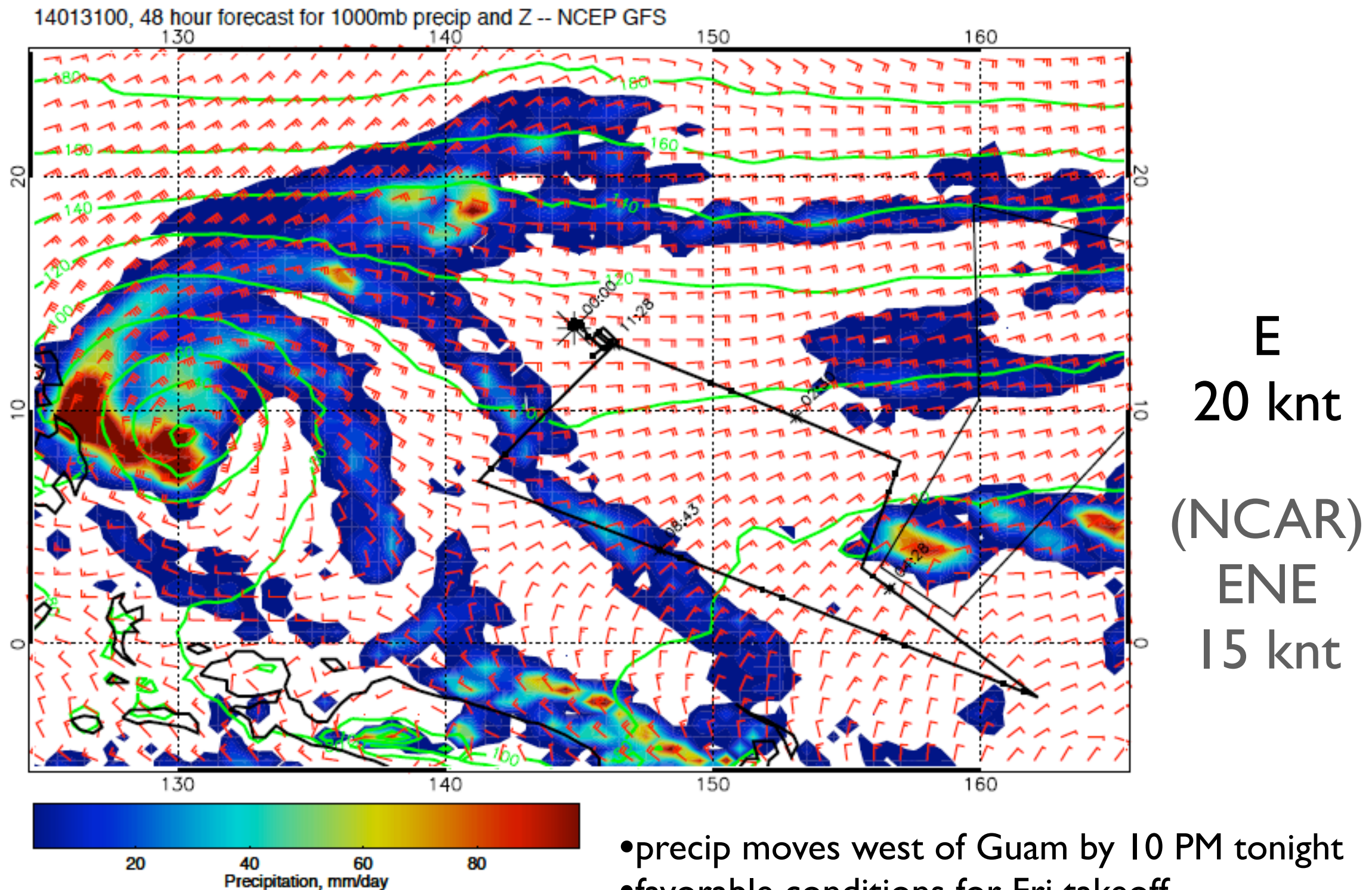


SLAT 13.48  
SLON 144.79  
SELV 76.00  
SHOW -0.41  
LIFT -2.39  
LFTV -2.78  
SWET 278.2  
KINX 39.50  
CTOT 20.50  
VTOT 22.90  
TOTL 43.40  
CAPE 1061.  
CAPV 1154.  
CINS -25.2  
CINV -17.4  
EQLV 125.2  
EQTV 125.0  
LFCT 820.9  
LFCV 851.8  
BRCH 54.64  
BRCV 59.42  
LCLT 295.5  
LCLP 946.7  
MLTH 300.2  
MLMR 18.46  
THCK 5808.  
PWAT 66.58

- still moist up to ~52 kft
- weak dry intrusion developing at ~32 kft (atmosphere over Guam becoming more stable later today?)

‘Fri take-off’ condition (GFS):

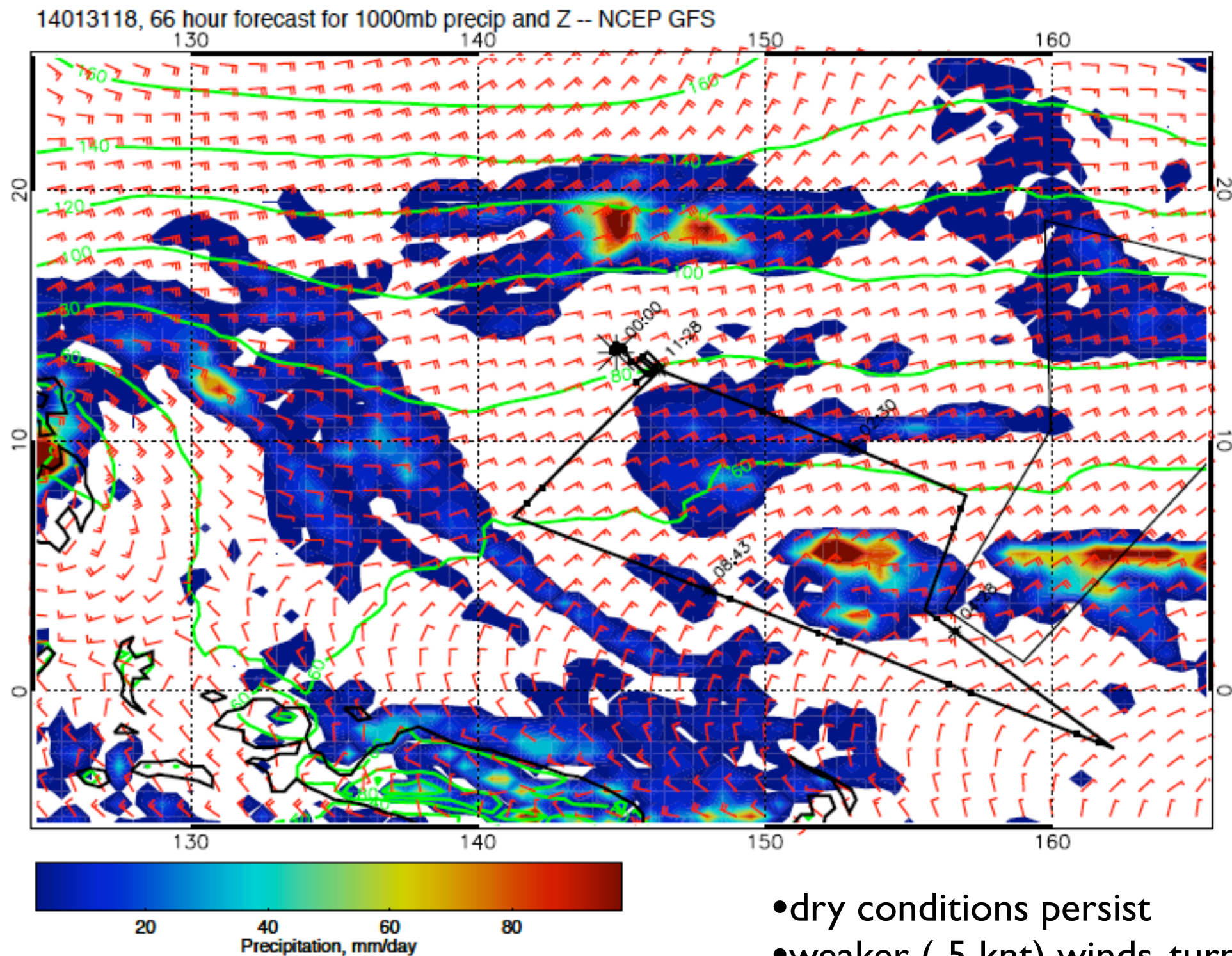
1000mb precip & winds on 2014-01-31, 00UTC  
(01-31 Fri, 10AM)





‘Fri landing’ condition (GFS):

1000mb precip & winds on 2014-01-31, 18UTC  
(02-01 Sat, 4AM)



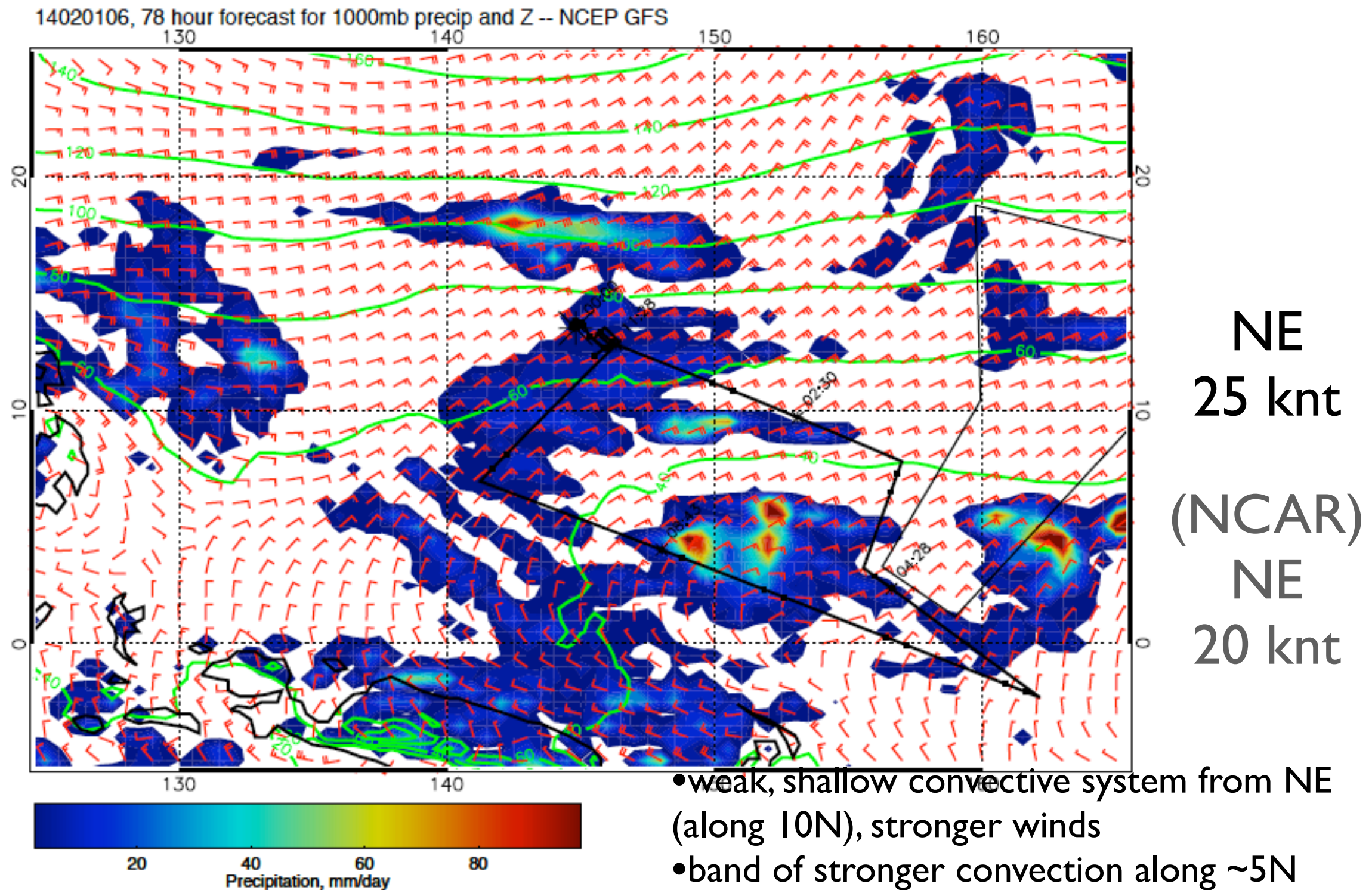
NE  
15 knt  
  
(NCAR)  
NE  
15 knt

- dry conditions persist
- weaker (-5 knt) winds, turning E to NE



Sat condition (GFS):

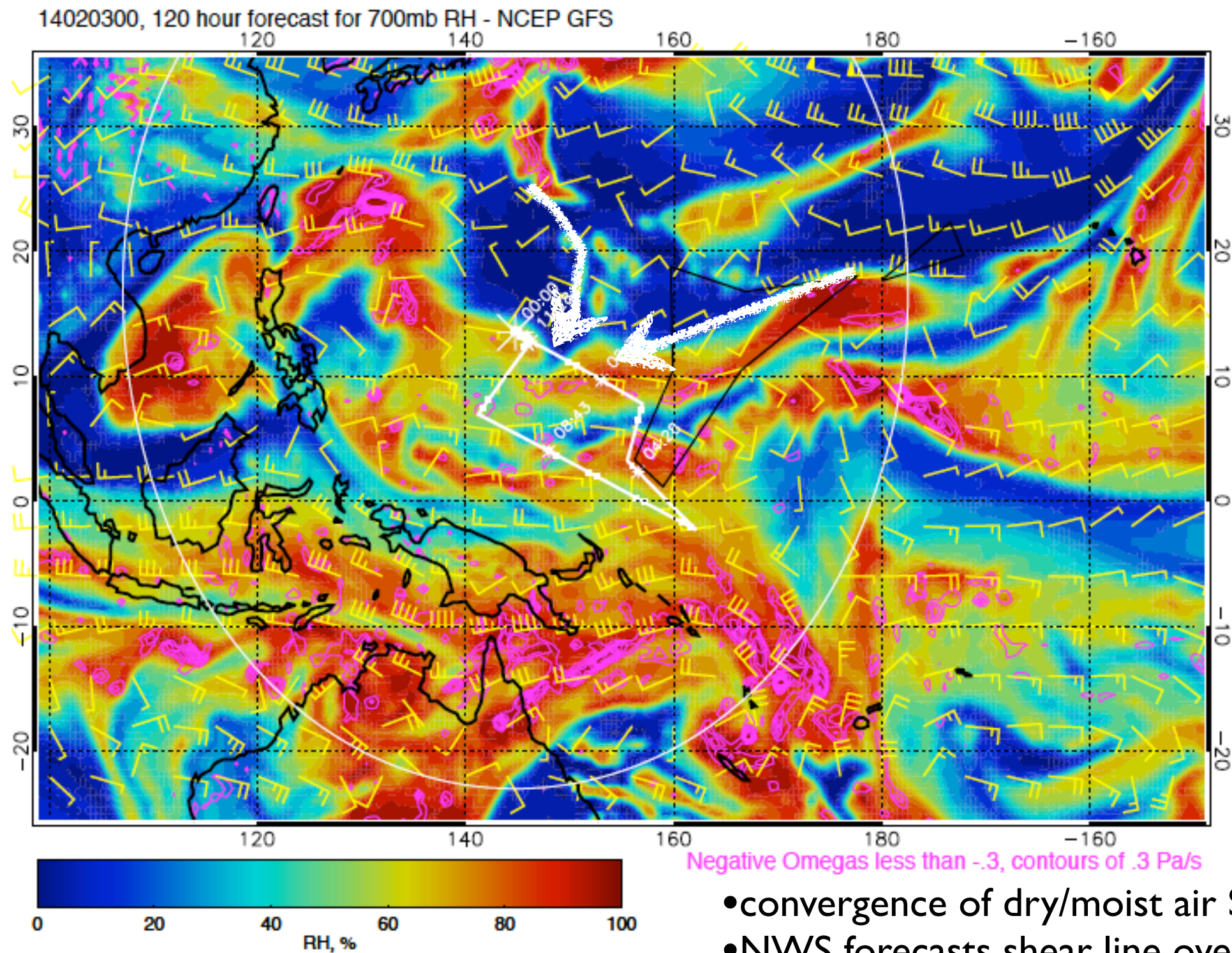
1000mb precip & winds on 2014-02-01, 06UTC  
(02-01 Sat, 04PM)





Mon condition (GFS):

700mb RH & winds on 2014-02-03, 00UTC  
(02-03 Mon, 10AM)



- convergence of dry/moist air S of Guam
- NWS forecasts shear line over Guam later next week